

**COMBINED DECLARATION FOR PATENT APPLICATION
AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

the specification of which (check one) _ is attached hereto or X was filed on September 18, 2000 as Application Serial No. 09/665,350 and was amended on _ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

| | |
|-------------------------------|-------------------------|
| Prior Foreign Application(s): | <u>Priority Claimed</u> |
| | <u>Yes</u> <u>No</u> |

| | | |
|--------|---------|----------------------|
| Number | Country | Day/Month/Year Filed |
|--------|---------|----------------------|

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below:

| | |
|----------------------|-------------|
| Application Ser. No. | Filing Date |
|----------------------|-------------|

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| | | |
|----------------------|-------------|--------------------------------------|
| Application Ser. No. | Filing Date | Status: Patented, Pending, Abandoned |
|----------------------|-------------|--------------------------------------|

| | | |
|----------------------|-------------|--------------------------------------|
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|----------------------|-------------|--------------------------------------|

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



09157

PATENT TRADEMARK OFFICE

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I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent agent as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

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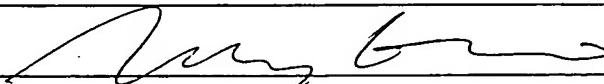
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See Attached Appendix A (Listing 50 U.S. Provisional Patent Applications)

| | |
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| | | |
|----------------------|--------------------|--------------------------------------|
| PCT/US99/21090 | September 15, 1999 | Pending |
| Application Ser. No. | Filing Date | Status: Patented, Pending, Abandoned |
| PCT/US00/04414 | February 22, 2000 | Pending |
| Application Ser. No. | Filing Date | Status: Patented, Pending, Abandoned |
| PCT/US99/21547 | September 15, 1999 | Pending |
| Application Ser. No. | Filing Date | Status: Patented, Pending, Abandoned |
| PCT/US99/23089 | October 5, 1999 | Pending |
| Application Ser. No. | Filing Date | Status: Patented, Pending, Abandoned |
| PCT/US99/28214 | November 29, 1999 | Pending |
| Application Ser. No. | Filing Date | Status: Patented, Pending, Abandoned |
| PCT/US99/28313 | November 30, 1999 | Pending |
| Application Ser. No. | Filing Date | Status: Patented, Pending, Abandoned |
| PCT/US99/28564 | December 2, 1999 | Pending |

| | | |
|---|----------------------------------|---|
| Application Ser. No. <u>PCT/US99/28565</u> | Filing Date December 2, 1999 | Status: Patented, Pending, Abandoned Pending |
| Application Ser. No. <u>PCT/US99/30095</u> | Filing Date December 16, 1999 | Status: Patented, Pending, Abandoned Pending |
| Application Ser. No. <u>PCT/US99/30999</u> | Filing Date December 20, 1999 | Status: Patented, Pending, Abandoned Pending |
| Application Ser. No. <u>PCT/US99/30911</u> | Filing Date December 20, 1999 | Status: Patented, Pending, Abandoned Pending |
| Application Ser. No. <u>PCT/US00/00219</u> | Filing Date January 5, 2000 | Status: Patented, Pending, Abandoned Pending |
| Application Ser. No. | Filing Date | Status: Patented, Pending, Abandoned |

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

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I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

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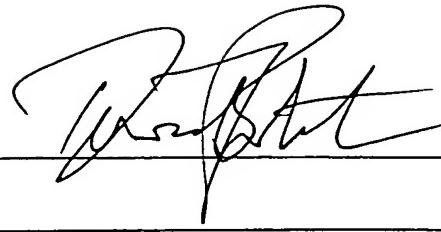
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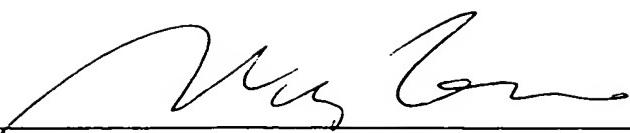
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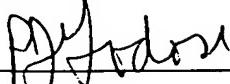
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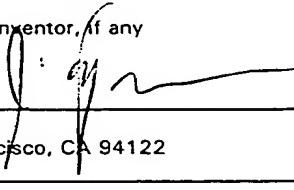
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Kenneth J. Hillan

Kenneth J. Hillan

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Date

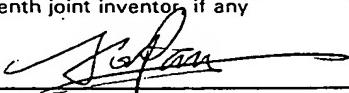
Residence
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Full name of eighteenth joint inventor, if any

James Pan



Oct 18/2000

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Full name of twenty-first joint inventor, if any

Timothy A. Stewart



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465 Douglass Street, San Francisco, CA 94114

Date

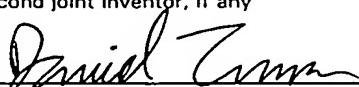
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Inventor's signature

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Full name of twenty-third joint inventor, if any

P. Mickey Williams

Inventor's signature

509 Alto Avenue, Half Moon Bay, CA 94019

Date

Residence

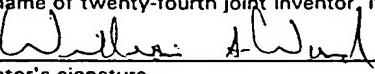
US

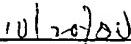
Citizenship

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Full name of twenty-fourth joint inventor, if any


Inventor's signature


Date

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Appendix A

| Provisional Application Serial Number | Filing Date |
|---------------------------------------|--------------------|
| 60/059,115 | September 17, 1997 |
| 60/059,184 | September 17, 1997 |
| 60/059,122 | September 17, 1997 |
| 60/059,117 | September 17, 1997 |
| 60/059,113 | September 17, 1997 |
| 60/059,121 | September 17, 1997 |
| 60/059,119 | September 17, 1997 |
| 60/059,263 | September 18, 1997 |
| 60/059,266 | September 18, 1997 |
| 60/062,125 | October 15, 1997 |
| 60/062,287 | October 17, 1997 |
| 60/062,285 | October 17, 1997 |
| 60/063,486 | October 21, 1997 |
| 60/062,816 | October 24, 1997 |
| 60/062,814 | October 24, 1997 |
| 60/063,127 | October 24, 1997 |
| 60/063,120 | October 24, 1997 |
| 60/063,121 | October 24, 1997 |
| 60/063,045 | October 24, 1997 |
| 60/063,128 | October 24, 1997 |
| 60/063,329 | October 27, 1997 |
| 60/063,327 | October 27, 1997 |
| 60/063,549 | October 28, 1997 |
| 60/063,541 | October 28, 1997 |
| 60/063,550 | October 28, 1997 |

| | |
|------------|-------------------|
| 60/063,542 | October 28, 1997 |
| 60/063,544 | October 28, 1997 |
| 60/063,564 | October 28, 1997 |
| 60/063,734 | October 29, 1997 |
| 60/063,738 | October 29, 1997 |
| 60/063,704 | October 29, 1997 |
| 60/063,435 | October 29, 1997 |
| 60/064,215 | October 29, 1997 |
| 60/063,735 | October 29, 1997 |
| 60/063,732 | October 29, 1997 |
| 60/064,103 | October 31, 1997 |
| 60/063,870 | October 31, 1997 |
| 60/064,248 | November 3, 1997 |
| 60/064,809 | November 7, 1997 |
| 60/065,186 | November 12, 1997 |
| 60/065,846 | November 17, 1997 |
| 60/065,693 | November 18, 1997 |
| 60/066,120 | November 21, 1997 |
| 60/066,364 | November 21, 1997 |
| 60/066,772 | November 24, 1997 |
| 60/066,466 | November 24, 1997 |
| 60/066,770 | November 24, 1997 |
| 60/066,511 | November 24, 1997 |
| 60/066,453 | November 24, 1997 |
| 60/066,840 | November 25, 1997 |



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**
ASSISTANT SECRETARY AND COMMISSIONER
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SEPTEMBER 18, 2001

BRINKS HOFER GILSON
PAUL E. RAUCH, PH.D.
P.O. BOX 10395
CHICAGO, IL 60610



101776882A

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RECORDATION DATE: 07/09/2001

REEL/FRAME: 011964/0181
NUMBER OF PAGES: 27

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS)

ASSIGNOR: BOTSTEIN DAVID DCC DATE: 10/25/2000

ASSIGNOR: DESNOYERS, LUC DOC. DATE: 10/27/2000

ASSIGNOR: EATON, DAN L. DOC. DATE: 10/17/2006

ASSIGNOR: FERRARA NAPOLEONE
DOC. DATE: 10/17/2002

ASSIGNOR: FELVAROFF, ELLEN DODD, BENTE 12/20/2000

ASSIGNOR : FONG SHERMAN
RECEIVED - 10/17/2000

| | |
|---------------------------------------|----------------------|
| ASSIGNOR: GAO, WEI-QIANG | DOC DATE: 10/17/2000 |
| ASSIGNOR: GERBER, HANSPETER | DOC DATE: 10/17/2000 |
| ASSIGNOR: GERRITSEN, MARY E. | DOC DATE: 10/17/2000 |
| ASSIGNOR: GODDARD, AUDREY | DOC DATE: 10/22/2000 |
| ASSIGNOR: GODOWSKI, PAUL J. | DOC DATE: 11/02/2000 |
| ASSIGNOR: GRIMALDI, CHRISTOPHER J. | DOC DATE: 10/18/2000 |
| ASSIGNOR: GURNEY, AUSTIN L. | DOC DATE: 10/18/2000 |
| ASSIGNOR: HILLAN, KENNETH J. | DOC DATE: 11/04/2000 |
| ASSIGNOR: KLJAVIN, IVAR J. | DOC DATE: 10/18/2000 |
| ASSIGNOR: MATHER, JENNIE P. | DOC DATE: 10/25/2000 |
| ASSIGNOR: PAN, JAMES | DOC DATE: 10/18/2000 |
| ASSIGNOR: PAONI, NICHOLAS F. | DOC DATE: 10/17/2000 |
| ASSIGNOR: ROY MARGARET ANN | DOC DATE: 10/19/2000 |
| ASSIGNOR: STEWART, TIMOTHY A. | DOC DATE: 10/18/2000 |
| ASSIGNOR: TUMAS, DANIEL | DOC DATE: 10/24/2000 |
| ASSIGNOR: WILLIAMS, P. MICKEY | DOC DATE: 10/20/2000 |
| ASSIGNOR: WOOD, WILLIAM I. | DOC DATE: 10/20/2000 |

011964/0181 PAGE 3

ASSIGNEE:

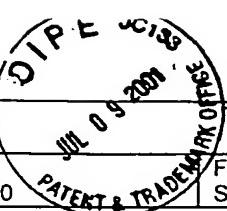
GENENTECH, INC.
1 DNA WAY
SOUTH SAN FRANCISCO, CALIFORNIA

94080-4990

SERIAL NUMBER: 09665350
PATENT NUMBER:

FILING DATE: 09/18/2000
ISSUE DATE:

TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



| | | | | |
|---|-----------------------------------|----------------------------|------------------------|--------------------------------|
| TRANSMITTAL LETTER | | | | Case No. 10466-14/P1618P2C1 |
| Serial No. 09/665,350 | Filing Date September 18, 2000 | Examiner To Be Assigned | Group Art Unit 1645 | |
| Inventor Avi Ashkenazi et al. | | | | |
| Title of Invention SECRETED AND TRANSMEMBRANE-POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME | | | | |

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is Transmittal Letter (in Duplicate); Check in amount of \$40.00 (Assignment recordal fee) and Assignment Recordal Sheet with executed Assignment and with postcard.

- Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.
- A verified statement to establish small entity status under 37 CFR §§ 1.9 and 1.27 is enclosed.
- Petition for a _____ month extension of time.
- No additional fee is required.

The fee has been calculated as shown below:

| | Claims Remaining After Amendment | | Highest No. Previously Paid For | Present Extra | Small Entity | Other Than Small Entity |
|---|----------------------------------|-------|---------------------------------|---------------|-----------------|-------------------------|
| Total | | Minus | | | Rate | Add'l Fee |
| Indep. | | Minus | | | x \$9= | x \$18= |
| First Presentation of Multiple Dep. Claim | | | | | x 39= | x \$78= |
| | | | | | +\$130 = | + \$260= |
| | | | | | Total add'l fee | \$ total add'l fee \$ |

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- A check in the amount of \$40.00 to cover the Recordation of Assignment filing fee is enclosed.
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- I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Paul E. Rauch, Ph.D.
Registration No. 38,591
Attorney for Applicants

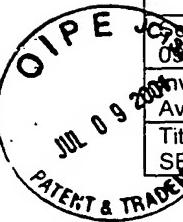
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CHICAGO, ILLINOIS 60610 - (312) 321-4200

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Date: 7/5/01 Signature: PER
rev. Dec.-99

D
F

| TRANSMITTAL LETTER | | | Case No. 10466-14/P1618P2C1 |
|---|-----------------------------------|----------------------------|--------------------------------|
| Serial No. 09665,350 | Filing Date September 18, 2000 | Examiner To Be Assigned | Group Art Unit 1645 |
| Inventor Avi Shkennazi et al. | | | |
| Title of Invention SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME | | | |



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The fee has been calculated as shown below:

| | | | Small Entity | | Other Than Small Entity | |
|---|---|-------|---------------------------------------|------------------|----------------------------|--------------------|
| | Claims Remaining After Amendment | | Highest No. Previously Paid For | Present Extra | Rate | Add'l Fee |
| Total | | Minus | | | x \$9= | |
| Indep. | | Minus | | | x 39= | |
| First Presentation of Multiple Dep. Claim | | | | | +\$130 = | |
| | | | | | Total add'l fee | \$ |
| | | | | | | total add'l fee |
| | | | | | | \$ |

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Respectfully submitted,

Paul E. Rauch, Ph.D.
Registration No. 38,591
Attorney for Applicants

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Signature:

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PATENTS ONLY

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07-16-2001



PATENTS ONLY

TRADEMARK OFFICE

Please record the:

1. Name of Parties conveying an interest:

Avi Ashkenazi
David Botstein
Luc Desnoyers
Dan L. Eaton
Napoleone Ferrara
Ellen Filvaroff
Sherman Fong
Wei-Qiang Gao
Hanspeter Gerber
Mary E. Gerritsen
Audrey Goddard
Paul J. Godowski

7-9-01

101776882

Name:
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Street Address:
City:
State/Zip:

GENENTECH, INC.
1 DNA Way
South San Francisco,
California 94080-4990

Additional name(s) and addresses attached?

Yes No

Additional names of conveying parties attached?

Yes No

3. Description of the interest conveyed:

Assignment Change of Name

Other:

Security Agreement Merger

Execution Date: Oct. 17, 2000; Oct. 25, 2000; Oct. 27, 2000; Oct. 17, 2000; Oct. 17, 2000;
Oct. 20, 2000; Oct. 17, 2000; Oct. 17, 2000; Oct. 17, 2000; Oct. 22, 2000; Nov. 2, 2000

Additional execution dates attached? Yes No

4. Application number(s) or patent number(s). Additional sheet attached? Yes No

If this document is being filed together with a new application, the execution date of the application is:

Date

A. Patent Application No.(s)

09/665,350

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

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P.O. BOX 10395
CHICAGO, IL 60610
(312)321-4200

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00
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Paul E. Rauch, Ph.D., Reg. No. 38,591

Signature

Name of Person Signing

July 5, 2001

Date

Total number of pages including cover sheet, attachments, and document: 27

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1. Name of Parties conveying an interest:

Avi Ashkenazi
David Botstein
Luc Desnoyers
Dan L. Eaton
Napoleone Ferrara
Ellen Filvaroff
Sherman Fong
Wei-Qiang Gao
Hanspeter Gerber
Mary E. Gerritsen
Audrey Goddard
Paul J. Godowski

7-9-01

101776882

PATENTS ONLY
TRADEMARK OFFICE

ereof.

of Parties receiving an interest:

Name: GENENTECH, INC.
Internal Address:
Street Address:
City: 1 DNA Way
State/Zip: South San Francisco,
California 94080-4990

Additional name(s) and addresses attached?

Yes No

Additional names of conveying parties attached?

Yes No

3. Description of the interest conveyed:

Assignment Change of Name
 Security Agreement Merger

Other:

Execution Date: Oct. 17, 2000; Oct. 25, 2000; Oct. 27, 2000; Oct. 17, 2000; Oct. 17, 2000;
Oct. 20, 2000; Oct. 17, 2000; Oct. 17, 2000; Oct. 17, 2000; Oct. 17, 2000; Oct. 22, 2000; Nov. 2, 2000

Additional execution dates attached? Yes No

4. Application number(s) or patent number(s). Additional sheet attached? Yes No

If this document is being filed together with a new application, the execution date of the application is:

Date

A. Patent Application No.(s)
09/665,350

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

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CHICAGO, IL 60610
(312)321-4200

6. Number of applications and patents involved: 1

\$ 40.00

7. Total fee (37 CFR 3.41)

Enclosed

Authorized to be charged to Deposit Account No.
23-1925

8. Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

DO NOT USE THIS SPACE

07/13/2001 LMUELLER 00000260 09665350

40.00 OP

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Paul E. Rauch, Ph.D., Reg. No. 38,591
Name of Person Signing

Signature

July 5, 2001

Date

Total number of pages including cover sheet, attachments, and document: 27

PATENTS ONLY

TO THE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



PATENTS ONLY

Please record the attached original document or copy thereof.

Patent Assignment Recordal Sheet, page 2
For US patent Application No. 09/665,350

Additional names of conveying parties:

Christopher J. Grimaldi
Austin L. Gurney
Kenneth J. Hillan
Ivar J. Kljavin
Jennie P. Mather
James Pan
Nicholas F. Paoni
Margaret Ann Roy
Timothy A. Stewart
Daniel Tumas
P. Mickey Williams
William I. Wood

Additional execution dates:

Oct. 18, 2000; Oct. 18, 2000; Nov. 4, 2000; Oct. 18, 2000; Oct. 25, 2000; Oct. 18, 2000; Oct. 17, 2000;
Oct. 19, 2000; Oct. 18, 2000; Oct. 24, 2000; Oct. 20, 2000; Oct. 20, 2000

A S S I G N M E N T

WHEREAS, Avi Ashkenazi, a citizen of US, residing at 1456 Tarrytown Street, San Mateo, CA 94402, and David Botstein, a citizen of US, residing at 2539 Somerset Drive, Belmont, CA 94002, and Luc Desnoyers, a citizen of Canada, residing at 2050 Stockton Street, San Francisco, CA 94133, and Dan L. Eaton, a citizen of US, residing at 75 Knight Drive, San Rafael, CA 94901, and Napoleone Ferrara, a citizen of US, residing at 2090 Pacific Avenue #704, San Francisco, CA 94109, and Ellen Filvaroff, a citizen of US, residing at 538 18th Avenue, San Francisco, CA 94121, and Sherman Fong, a citizen of US, residing at 19 Basinside Way, Alameda, CA 94502, and Wei-Qiang Gao, a citizen of China, residing at 641 Pilgrim Drive, Foster City, CA 94404, and Hanspeter Gerber, a citizen of Switzerland, residing at 1121 Tennessee Street #5, San Francisco, CA 94107, and Mary E. Gerritsen, a citizen of Canada, residing at 541 Parrott Drive, San Mateo, CA 94402, and Audrey Goddard, a citizen of Canada, residing at 110 Congo Street, San Francisco, CA 94131, and Paul J. Godowski, a citizen of US, residing at 2627 Easton Drive, Burlingame, CA 94010, and Christopher J. Grimaldi, a citizen of US, residing at 1434 36th Avenue, San Francisco, CA 94122, and Austin L. Gurney, a citizen of US, residing at 1 Debbie Lane, Belmont, CA 94002, and Kenneth J. Hillan, a citizen of Great Britain, residing at 64 Seward Street, San Francisco, CA 94114, and Ivar J. Kljavin, a citizen of US, residing at 3673 Crescent Drive, Lafayette, CA 94549, and Jennie P. Mather, a citizen of US, residing at 269 La Prenda Drive, Millbrae, CA 94030, and James Pan, a citizen of Canada, residing at 2705 Coronet Boulevard, Belmont, CA 94002, and Nicholas F. Paoni, a citizen of US, residing at 1756 Terrace Drive, Belmont, CA 94002, and Margaret Ann Roy, a citizen of US, residing at 2960 Webster Street#4, San Francisco, CA 94123, and Timothy A. Stewart, a citizen of US, residing at 465 Douglass Street, San Francisco, CA 94114, and Daniel Tumas, a citizen of US, residing at 3 Rae Avenue, Orinda, CA 94563, and P. Mickey Williams, a citizen of US, residing at 509 Alto Avenue, Half Moon Bay, CA 94019, and William I. Wood, a citizen of US, residing at 35 Southdown Court, Hillsborough, CA 94010 (hereinafter "ASSIGNORS"), have invented a new and useful invention in

Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

for which an application Serial No. 09/665,350 (Docket No. P1618P2C1) for Letters Patent has been filed by them on September 18, 2000; and

WHEREAS, GENENTECH, INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware, having a place of business at 1 DNA Way, South San Francisco, California 94080-4990, is desirous of acquiring an interest in and to said invention, and in and to the Letters Patents to be obtained therefor;

NOW, THEREFORE, be it known by all whom it may concern;

That for good and valuable consideration the receipt of which is hereby acknowledged, the said ASSIGNORS have and do hereby sell, assign, transfer and set over unto the said GENENTECH, INC., its successors and assigns, the full and exclusive right, title and interest including all rights under the Paris Convention for the Protection of Industrial Property, in and to said invention, and in and to any and all Letters Patents to be granted and issued therefor or any continuation, division, renewal, or substitute thereof, and as to Letters Patents any reissue or re-examination thereof, not only for, to, and in the United States of America, its territories and possessions, but for, to and in all other countries; and it has been and is hereby authorized and requested that the appropriate government agencies issue said Letters Patents to said GENENTECH, INC., in accordance with this Assignment.

Said ASSIGNORS covenant and agree to cooperate with GENENTECH, INC., to enable said GENENTECH, INC. to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said ASSIGNORS includes prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said GENENTECH, INC., (a) for perfecting the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting applications for reissuance of any of said patents; (d) for interference or other priority proceedings involving said invention; and (e) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said ASSIGNORS in providing such cooperation shall be paid for by said GENENTECH, INC.

The terms and covenants of this assignment shall inure to the benefit of said GENENTECH, INC., its successors, assigns and other legal representatives, and shall be binding upon said ASSIGNORS, their respective heirs, legal representatives and assigns.

Said ASSIGNORS hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF we undersign as follows;

South San Francisco

Avi Ashkenazi
Avi Ashkenazi

Dated: 1-17-00

South San Francisco

David Botstein

Dated: _____

South San Francisco

Luc Desnoyers

Dated: _____

South San Francisco

Dan L. Eaton

Dated: _____

South San Francisco

Napoleone Ferrara

Dated: _____

Said ASSIGNORS covenant and agree to cooperate with GENENTECH, INC., to enable said GENENTECH, INC. to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said ASSIGNORS includes prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said GENENTECH, INC., (a) for perfecting the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting applications for reissuance of any of said patents; (d) for interference or other priority proceedings involving said invention; and (e) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said ASSIGNORS in providing such cooperation shall be paid for by said GENENTECH, INC.

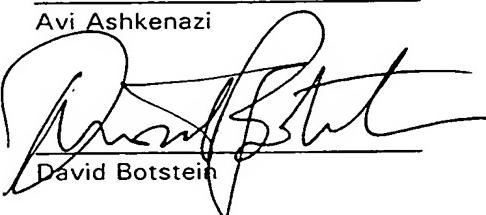
The terms and covenants of this assignment shall inure to the benefit of said GENENTECH, INC., its successors, assigns and other legal representatives, and shall be binding upon said ASSIGNORS, their respective heirs, legal representatives and assigns.

Said ASSIGNORS hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF we undersign as follows:

South San Francisco

Dated: _____

Avi Ashkenazi

David Botstein

South San Francisco

Dated: Oct 25, 2000

South San Francisco

Dated: _____

Luc Desnoyers

South San Francisco

Dated: _____

Dan L. Eaton

South San Francisco

Dated: _____

Napoleone Ferrara

Said ASSIGNORS covenant and agree to cooperate with GENENTECH, INC., to enable said GENENTECH, INC. to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said ASSIGNORS includes prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said GENENTECH, INC., (a) for perfecting the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting applications for reissuance of any of said patents; (d) for interference or other priority proceedings involving said invention; and (e) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said ASSIGNORS in providing such cooperation shall be paid for by said GENENTECH, INC.

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IN WITNESS WHEREOF we undersign as follows;

South San Francisco

Avi Ashkenazi

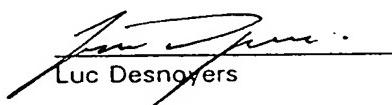
Dated: _____

South San Francisco

David Botstein

Dated: _____

South San Francisco


Luc Desnoyers

Dated: 10/27/2000

South San Francisco

Dan L. Eaton

Dated: _____

South San Francisco

Napoleone Ferrara

Dated: _____

Said ASSIGNORS covenant and agree to cooperate with GENENTECH, INC., to enable said GENENTECH, INC. to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said ASSIGNORS includes prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said GENENTECH, INC., (a) for perfecting the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting applications for reissuance of any of said patents; (d) for interference or other priority proceedings involving said invention; and (e) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said ASSIGNORS in providing such cooperation shall be paid for by said GENENTECH, INC.

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IN WITNESS WHEREOF we undersign as follows;

South San Francisco

Avi Ashkenazi

Dated: _____

South San Francisco

David Botstein

Dated: _____

South San Francisco

Luc Desnoyers

Dated: _____

South San Francisco

Dan L. Eaton

Dated: 10/17/00



Dan L. Eaton

South San Francisco

Napoleone Ferrara

Dated: _____

Said ASSIGNORS covenant and agree to cooperate with GENENTECH, INC., to enable said GENENTECH, INC. to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said ASSIGNORS includes prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said GENENTECH, INC., (a) for perfecting the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting applications for reissuance of any of said patents; (d) for interference or other priority proceedings involving said invention; and (e) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said ASSIGNORS in providing such cooperation shall be paid for by said GENENTECH, INC.

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IN WITNESS WHEREOF we undersign as follows;

South San Francisco

Avi Ashkenazi

Dated: _____

South San Francisco

David Botstein

Dated: _____

South San Francisco

Luc Desnoyers

Dated: _____

South San Francisco

Dan L. Eaton

Dated: _____

South San Francisco

Napoleone Ferrara

Dated: 10-17-00



Napoleone Ferrara

South San Francisco

Dated: 10/20/00

Ellen Filvaroff
Ellen Filvaroff

South San Francisco

Dated: _____

Sherman Fong

South San Francisco

Dated: _____

Wei-Qiang Gao

South San Francisco

Dated: _____

Hanspeter Gerber

South San Francisco

Dated: _____

Mary E. Gerritsen

South San Francisco

Dated: _____

Audrey Goddard

South San Francisco

Dated: _____

Paul J. Godowski

South San Francisco

Dated: _____

Christopher J. Grimaldi

South San Francisco

Dated: _____

Austin L. Gurney

South San Francisco

Dated: _____

Kenneth J. Hillan

South San Francisco

Ellen Filvaroff

Dated: _____


Sherman Fong

South San Francisco

Dated: 10/17/00

South San Francisco

Wei-Qiang Gao

Dated: _____

South San Francisco

Hanspeter Gerber

Dated: _____

South San Francisco

Mary E. Gerritsen

Dated: _____

South San Francisco

Audrey Goddard

Dated: _____

South San Francisco

Paul J. Godowski

Dated: _____

South San Francisco

Christopher J. Grimaldi

Dated: _____

South San Francisco

Austin L. Gurney

Dated: _____

South San Francisco

Kenneth J. Hillan

Dated: _____

South San Francisco

Ellen Filvaroff

Dated: _____

South San Francisco

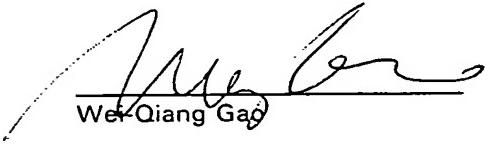
Sherman Fong

Dated: _____

South San Francisco

Weiqiang Gao

Dated: 10/17/00


Weiqiang Gao

South San Francisco

Hanspeter Gerber

Dated: _____

South San Francisco

Mary E. Gerritsen

Dated: _____

South San Francisco

Audrey Goddard

Dated: _____

South San Francisco

Paul J. Godowski

Dated: _____

South San Francisco

Christopher J. Grimaldi

Dated: _____

South San Francisco

Austin L. Gurney

Dated: _____

South San Francisco

Kenneth J. Hillan

Dated: _____

South San Francisco

Ellen Filvaroff

Dated: _____

South San Francisco

Sherman Fong

Dated: _____

South San Francisco

Wei-Qiang Gao

Dated: _____



Wei-Qiang Gao



Hanspeter Gerber

South San Francisco

Dated: W-17-2002

South San Francisco

Mary E. Gerritsen

Dated: _____

South San Francisco

Audrey Goddard

Dated: _____

South San Francisco

Paul J. Godowski

Dated: _____

South San Francisco

Christopher J. Grimaldi

Dated: _____

South San Francisco

Austin L. Gurney

Dated: _____

South San Francisco

Kenneth J. Hillan

Dated: _____

South San Francisco

Ellen Filvaroff

Dated: _____

South San Francisco

Sherman Fong

Dated: _____

South San Francisco

Wei-Qiang Gao

Dated: _____

South San Francisco

Hanspeter Gerber

Dated: _____



Mary E. Gerritsen

South San Francisco

Dated: Oct 17/00

South San Francisco

Audrey Goddard

Dated: _____

South San Francisco

Paul J. Godowski

Dated: _____

South San Francisco

Christopher J. Grimaldi

Dated: _____

South San Francisco

Austin L. Gurney

Dated: _____

South San Francisco

Kenneth J. Hillan

Dated: _____

South San Francisco

Ellen Filvaroff

Dated: _____

South San Francisco

Sherman Fong

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South San Francisco

Wei-Qiang Gao

Dated: _____

South San Francisco

Hanspeter Gerber

Dated: _____

South San Francisco

Mary E. Gerritsen

Dated: _____

South San Francisco

Audrey Goddard
Audrey Goddard

Dated: 10.22.00

South San Francisco

Paul J. Godowski

Dated: _____

South San Francisco

Christopher J. Grimaldi

Dated: _____

South San Francisco

Austin L. Gurney

Dated: _____

South San Francisco

Kenneth J. Hillan

Dated: _____

South San Francisco

Ellen Filvaroff

Dated: _____

South San Francisco

Sherman Fong

Dated: _____

South San Francisco

Wei-Qiang Gao

Dated: _____

South San Francisco

Hanspeter Gerber

Dated: _____

South San Francisco

Mary E. Gerritsen

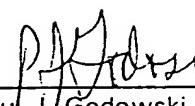
Dated: _____

South San Francisco

Audrey Goddard

Dated: _____

South San Francisco


Paul J. Godowski

Dated: 11/2/03

South San Francisco

Christopher J. Grimaldi

Dated: _____

South San Francisco

Austin L. Gurney

Dated: _____

South San Francisco

Kenneth J. Hillan

Dated: _____

South San Francisco

Ellen Filvaroff

Dated: _____

South San Francisco

Sherman Fong

Dated: _____

South San Francisco

Wei-Qiang Gao

Dated: _____

South San Francisco

Hanspeter Gerber

Dated: _____

South San Francisco

Mary E. Gerritsen

Dated: _____

South San Francisco

Audrey Goddard

Dated: _____

South San Francisco

Paul J. Godowski

Dated: _____

South San Francisco

Christopher J. Grimaldi

Dated: 10/14/2000

South San Francisco

Austin L. Gurney

Dated: _____

South San Francisco

Kenneth J. Hillan

Dated: _____

South San Francisco

Ellen Filvaroff

Dated: _____

South San Francisco

Sherman Fong

Dated: _____

South San Francisco

Wei-Qiang Gao

Dated: _____

South San Francisco

Hanspeter Gerber

Dated: _____

South San Francisco

Mary E. Gerritsen

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South San Francisco

Audrey Goddard

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South San Francisco

Paul J. Godowski

Dated: _____

South San Francisco

Christopher J. Grimaldi

Dated: _____


Austin L. Gurney

South San Francisco

Kenneth J. Hillan

Dated: _____

South San Francisco

Ellen Filvaroff

Dated: _____

South San Francisco

Sherman Fong

Dated: _____

South San Francisco

Wei-Qiang Gao

Dated: _____

South San Francisco

Hanspeter Gerber

Dated: _____

South San Francisco

Mary E. Gerritsen

Dated: _____

South San Francisco

Audrey Goddard

Dated: _____

South San Francisco

Paul J. Godowski

Dated: _____

South San Francisco

Christopher J. Grimaldi

Dated: _____

South San Francisco

Austin L. Gurney

Dated: _____

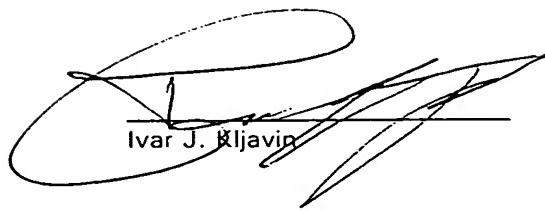
South San Francisco

Kenneth Hillan
Kenneth J. Hillan

Dated: 12/4/00

South San Francisco

Dated: 10-18-00



Ivar J. Kljavin

South San Francisco

Jennie P. Mather

Dated: _____

South San Francisco

James Pan

Dated: _____

South San Francisco

Nicholas F. Paoni

Dated: _____

South San Francisco

Margaret Ann Roy

Dated: _____

South San Francisco

Timothy A. Stewart

Dated: _____

South San Francisco

Daniel Tumas

Dated: _____

South San Francisco

P. Mickey Williams

Dated: _____

South San Francisco

William I. Wood

Dated: _____

South San Francisco

Ivar J. Kljavin

Dated: _____



Jennie P. Mather

South San Francisco

Dated: 10/25/02

South San Francisco

James Pan

Dated: _____

South San Francisco

Nicholas F. Paoni

Dated: _____

South San Francisco

Margaret Ann Roy

Dated: _____

South San Francisco

Timothy A. Stewart

Dated: _____

South San Francisco

Daniel Tumas

Dated: _____

South San Francisco

P. Mickey Williams

Dated: _____

South San Francisco

William I. Wood

Dated: _____

South San Francisco

Ivar J. Kljavin

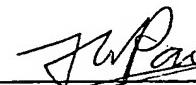
Dated: _____

South San Francisco

Jennie P. Mather

Dated: _____

South San Francisco


James Paon

Dated: Oct 18/2006

South San Francisco

Nicholas F. Paoni

Dated: _____

South San Francisco

Margaret Ann Roy

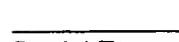
Dated: _____

South San Francisco

Timothy A. Stewart

Dated: _____

South San Francisco


Daniel Tumas

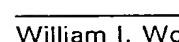
Dated: _____

South San Francisco

P. Mickey Williams

Dated: _____

South San Francisco


William I. Wood

Dated: _____

South San Francisco

Ivar J. Kljavin

Dated: _____

South San Francisco

Jennie P. Mather

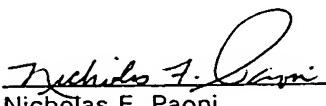
Dated: _____

South San Francisco

James Pan

Dated: _____

South San Francisco


Nicholas F. Paoni

Dated: 10/17/2000

South San Francisco

Margaret Ann Roy

Dated: _____

South San Francisco

Timothy A. Stewart

Dated: _____

South San Francisco


Daniel Tumas

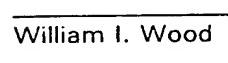
Dated: _____

South San Francisco

P. Mickey Williams

Dated: _____

South San Francisco


William I. Wood

Dated: _____

South San Francisco

Ivar J. Kljavin

Dated: _____

South San Francisco

Jennie P. Mather

Dated: _____

South San Francisco

James Pan

Dated: _____

South San Francisco

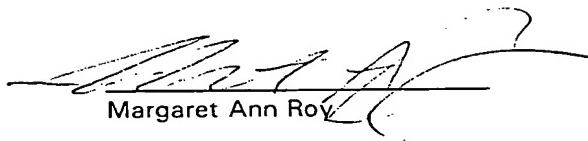
Nicholas F. Paoni

Dated: _____

South San Francisco

Margaret Ann Roy

Dated: 10/19/2020



South San Francisco

Timothy A. Stewart

Dated: _____

South San Francisco

Daniel Tumas

Dated: _____

South San Francisco

P. Mickey Williams

Dated: _____

South San Francisco

William I. Wood

Dated: _____

South San Francisco

Ivar J. Kljavin

Dated: _____

South San Francisco

Jennie P. Mather

Dated: _____

South San Francisco

James Pan

Dated: _____

South San Francisco

Nicholas F. Paoni

Dated: _____

South San Francisco

Margaret Ann Roy

Dated: _____



Timothy A. Stewart

South San Francisco

Daniel Tumas

Dated: _____

South San Francisco

P. Mickey Williams

Dated: _____

South San Francisco

William I. Wood

Dated: _____

South San Francisco

Ivar J. Kljavin

Dated: _____

South San Francisco

Jennie P. Mather

Dated: _____

South San Francisco

James Pan

Dated: _____

South San Francisco

Nicholas F. Paoni

Dated: _____

South San Francisco

Margaret Ann Roy

Dated: _____

South San Francisco

Timothy A. Stewart

Dated: _____

South San Francisco

Daniel Tumas

Dated: 10/24/2005


Daniel Tumas

South San Francisco

P. Mickey Williams

Dated: _____

South San Francisco

William I. Wood

Dated: _____

South San Francisco

Ivar J. Klavin

Dated: _____

South San Francisco

Jennie P. Mather

Dated: _____

South San Francisco

James Pan

Dated: _____

South San Francisco

Nicholas F. Paoni

Dated: _____

South San Francisco

Margaret Ann Roy

Dated: _____

South San Francisco

Timothy A. Stewart

Dated: _____

South San Francisco

Daniel Tumas

Dated: _____


P. Mickey Williams

South San Francisco

William I. Wood

Dated: _____

South San Francisco

Ivar J. Klavin

Dated: _____

South San Francisco

Jennie P. Mather

Dated: _____

South San Francisco

James Pan

Dated: _____

South San Francisco

Nicholas F. Paoni

Dated: _____

South San Francisco

Margaret Ann Roy

Dated: _____

South San Francisco

Timothy A. Stewart

Dated: _____

South San Francisco

Daniel Tumas

Dated: _____

South San Francisco

P. Mickey Williams

Dated: _____

South San Francisco

William I. Wood

Dated: 10/25/0

William I. Wood